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FORM PTO-1390 (REV. 7-2004)

U.S. DEPARTMENT OF COMMERCE PATENT ÁND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER 11281-059-999

TER TO THE UNITED STATES

U.S. APPLICATION NO. (if known, see 37CFR 1.5)

DESIGNATED/ELECTED OFFICE (DO/EO/US)  CONCEDNING A SUBMISSION LINDED 35 ILS C 371								
		SION UNDER 35 U.S.C. 371						
INTERNATIONAL APPLICATION NO. PCT/KR2003/00335		INTERNATIONAL FILING DATE February 19, 2003	PRIORITY DATE CLAIMED October 16, 2002					
	NVENTION LATE HEAT TRANSFERRING APPAR	ATUS AND MANUFACTURING METHOD	ГНЕREOF					
	T(S) FOR DO/EO/US uck LEE, Young-Ho HONG, Ku-Young	KIM, Hyun-Tae KIM						
Applican	t herewith submits to the United States D	Designated/ Elected Office (DO/EO/US) the follows:	owing items and other information:					
1.	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.							
2.	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.							
3.	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4.	The U.S. has been elected (Article 31).							
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2)).							
	a.  is attached hereto (required only if not communicated by the International Bureau).							
	<ul> <li>b.</li></ul>							
	c.  is not required, as t	he application was filed in the United States Rec	ceiving Office (RO/US)					
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
	a. is attached hereto.							
_		y submitted under 35 U.S.C. 154(d)(4).						
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
	a. are attached hereto	(required only if not communicated by the Inter	national Bureau).					
	<del></del>	icated by the International Bureau.						
	and the second s	e; however, the time limit for making such amen	dments has NOT expired.					
8. 🗆	<del>-</del>	e and will not be made.	) (25 U.S.C. 271(a)(2))					
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10.	An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).							
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## Items 11. to 20. below concern document(s) or information included:

An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.	A preliminary amendment.
14.	An Application Data Sheet under 37 CFR 1.76.
15.	A substitute amendment.
16.	A power of attorney and/or change of address letter.
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter 2 and 37 CFR 1.821- 1.825.
18 🖂	A second conv of the published International Application under 35 ILS C 154(d)(4)

A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

20. Other items or information: (1) International Search Report and (2) PCT/IB/304

US APPLICATION NO. (If k	dwn/seday 27R2/514 5	ATTORNEY'S DOCKET NUMBER 11281-059-999								
21. The following fees	s are submitted:	CALCULATIONS PTO USE ONLY								
BASIC NATIONAL F	FEE (37 CFR 1.492 (A) (1			<del></del>						
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO										
	ninary examination fee (37 arch Report prepared by the									
	ninary examination fee (37 arch fee (37 CFR 1.445(a)	i								
	ninary examination fee (37 atisfy provisions of PCT A									
	ninary examination fee (37 provisions of PCT Article									
ENTER A	APPROPRIATE BASIC	FEE AMOUNT =		\$	0					
	or furnishing the oath or de ority date (37 CFR 1.492 (			\$	0					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE X		Ĭ					
Total Claims	172- 20	152	\$50.00		0					
Independent Claims	3- 3	0	\$200.00	=	0					
MULTIPLE DEPE	NDENT CLAIM(S) (if ap	plicable)	+ 300.00	-	0					
		TOTAL OF ABOV	VE CALCULATIONS=	= \$	0					
Applicant claims sn by ½.	nall entity status. See 37 (	- \$	0							
			SUBTOTAL =	\$	0					
	00 for furnishing the Englid priority date (37 CFR 1.		0							
		= \$	0							
	iclosed assignment (37 CF ropriate cover sheet (37 CF)	\$	0							
		тот	AL FEES ENCLOSED	= \$	0					
		•		Amount to be refunded:						
				charged:						
a. A check in the an	nount of \$0.00 to	o cover the above fees is	enclosed.		chargeu.					
b. Please charge Deposit Account No. 50-3013 to cover the above fees. A copy of this sheet is enclosed.										
c.  The appropriate f	iling fees will be paid in re	esponse to a Notice of Mi	issing Parts							
Note: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.										
22. Other instructions										
23. All correspondence for this application should be mailed to  JONES DAY  20583										
24. All telephone inquiries should be made to .										
For: Brian M. Rothery 35,340										
By: Michael Fainberg 50,441  NAME SIGNATURE REG. NO.					January 20, 2005 DATE					
	2 MULAY I O		REG. NO.		~					